/BLE-SL ▶	UECM1404-202305-EZ	Z ▶ Quizzes ▶ 202301UECM24530E3b ▶ Review of preview Update this Quiz
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		August 2023, 05:59 PM
-	ne taken 12 secs	August 2023, 05:59 PM
		naximum of 10 (0 %)
1 🕏 Marks: 1	two times the amo	is repaid with unequal annual payments at the end of each year for 40 years. Each of the first 39 payments is equal to unt of interest then due. The final payment repays the remaining loan balance at that time. Interest is charged at an te of 9%. Calculate the amount of the final loan payment
	Answer:	x
	Make comment or	override grade
	Incorrect	
	Correct answer: 33 Marks for this sul	
		·
2 🔽 Marks: 1	borrower will pay : After making the 8	ender agree to the following arrangement: The borrower will pay annual interest to the lender for 12 years at 7%. The .10% of the original loan amount to the lender at the end of 12 years by making 8 annual deposits in a SF earning 5%. deposits, the SF grows with interest only. The total annual payment made by the borrower in the first 8 years is 15,000. t of the loan?
	Answer:	X
	Make comment or	override grade
	Incorrect	
	Correct answer: 9: Marks for this sul	
3 🕏	A 20-year loan of 2	22,000 may be repaid under the following two methods:
Marks: 1		method with equal annual payments at an annual effective rate of 5.5%. method in which the lender receives an annual effective rate of 7.3% and the sinking fund earns an annual effective rate
	Both methods requ	lire a payment of X to be made at the end of each year for 21 year. Calculate j
	Answer:	ν
		^
	Make comment or Incorrect	override grade
	Correct answer: 0.	1495
	Marks for this sul	omission: 0/1.
4 🕏 Marks: 1	of i. He makes an interest annually, a into a sinking fund	each take out a 18-year loan L. Justin repays his loan using the amortization method, at an annual effective interest rate annual payment of 1100 at the end of each year. Maggie repays her loan using the sinking fund method. She pays also at an effective interest rate of i. In addition, Maggie makes level annual deposits at the end of each year for 18 years. The annual effective rate on the sinking fund is 4.16%, and she pays off the loan after 18 years. Maggie's total is equal to 10% of the original loan amount. Calculate L.
	Answer:	
		X
	Make comment or	override grade
	Incorrect Correct answer: 11	.768.568762
	Marks for this sul	

John borrows X and repays the principal by making 13 annual payments at the end of each year into a sinking fund which earns an annual effective rate of 7%. The interest earned on the sinking fund in the 6th year is 166.89. Calculate X. _____

5 ☑ Marks: 1

Answer:	X
Incorrect Correct answ	ent or override grade ver: 8349.927453 sis submission: 0/1.
6 ☑ Marks: 1	A borrower is repaying a loan at 6% effective with payments at the end of each year for 13 years, such that the first year,s payment is 460, the second year 437.0, and so forth, until the 13th year it is 184.0. Find the principal and interest in the 5th payment
	Answer:
	Make comment or override grade Incorrect Correct answer: 251.73 Marks for this submission: 0/1.
7 🕏 Marks: 1	A loan of 81,000 is being repaid by a 40-year increasing annuity-immediate. The initial payment is K, and each subsequent payment is K larger than the preceding payment. Determine the principal outstanding immediately after the 9th payment, using an annual effective interest rate of 4%
	Answer:
	Make comment or override grade Incorrect Correct answer: 102026.54968 Marks for this submission: 0/1.
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8 🗹 Marks: 1	A loan is repayable by a decreasing annuity payable annually in arrears for 30 years. The repayment at the end of the first year is 8000 and subsequent repayments reduce by 200 each year. The repayments were calculated using an annual effective rate of interest of 10%. Construct the schedule of armortization for years eight and nine, then determine the outstanding balance at the end of year 9
	Answer:
	Make comment or override grade Incorrect Correct answer: 41999.9 Marks for this submission: 0/1.
9 🖢 Marks: 1	A 10-year loan of 3000 is to be repaid with payments at the end of each year. It can be repaid under the following two options: 1. Equal annual payments at an annual effective rate of 7.37%. 2. Installments of 300.0 each year plus interest on the unpaid balance at an annual effective rate of i.
	The sum of the payments under option (1) equals the sum of the payments under option (2). Determine i
	Answer:
	Make comment or override grade Incorrect Correct answer: 0.081497
	Marks for this submission: 0/1.
10 🕏 Marks: 1	Annie borrows 37,800 from Bank X. Annie repays the loan by making 60 equal payments of principal at the end of each months. She also pays interest on the unpaid balance each month at a nominal rate of 12%, compounded monthly. Immediately after the 19th payment is made, Bank X sells the rights to future payments to Bank Y. Bank Y wishes to yield a nominal rate of 14%, compounded semiannually, on its investment. What price does Bank X receive?
	Answer:
	Make comment or override grade Incorrect Correct answer: 25207.94284 Marks for this submission: 0/1.